Docket No.:

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled **METHOD OF DESIGNING REDOX FLOW BATTERY SYSTEM**,

amended or	hereto. on [case_filing_d n (if applicable).	ate] as Application Serial No. [c					
I hereby state that I h	ave reviewed and	Γ Article 19 on I understand the contents of the a amendment referred to above.					
I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56.							
I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:							
Prior Foreign Applica	ations(s):						
Number 2002-120157	Country Japan	Day/Month/Year filed 23 April 2002	Priority Claimed				
I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.							
Prior Provisional App Application Number	olication(s):	Filing Date					

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s): Serial No.

)

Filing Date

Status: Patented, Pending, Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) and/or agent(s): Stephen A. Becker, Reg. No. 26,527; John G. Bisbikis, Reg. No. 37,095; Richard E. Brown, Reg. No. 47,453; Daniel Bucca, Reg. No. 42,368; Kenneth L. Cage, Reg. No. 26,151; Alex H. Chan, Reg. No. 52,713; Bernard P. Codd, Reg. No. 46,429; Lawrence T. Cullen, Reg. No. 44,489; Paul Devinsky, Reg. No. 28,553; Margaret M. Duncan, Reg. No. 30,879; Ramyar M. Farid, Reg. No. 46,692; Michael E. Fogarty, Reg. No. 36,139; John R. Fuisz, Reg. No. 37,327; Keith E. George, Reg. No. 34,111; Thomas A. Haag, Reg. No. 47,621; John A. Hankins, Reg. No. 32,029; Catherine Krupka, Reg. No. 46,227; Jack Q. Lever, Reg. No. 28,149; Michael A. Messina, Reg. No. 33,424; Joseph H. Paquin, Jr., Reg. No. 31,647; Scott D. Paul, Reg. No. 42,984; William D. Pegg, Reg. No. 42,988; Gene Z. Rubinson, Reg. No. 33,351; Brian K. Seidleck, Reg. No. 51,321; Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; David M. Tennant, Reg. No. 48,362; Judith L. Toffenetti, Reg. No. 39,048; Kelli N. Watson, Reg. No. 47,170; Cameron K. Weiffenbach, Reg. No. 44,488; Aaron Weisstuch, Reg. No. 41,557; Edward J. Wise, Reg. No. 34,523; Jeffrey A. Woller, Reg. No. 48,041; Alexander V. Yampolsky, Reg. No. 36,324; William Young, Reg. No. 54,718; and Wei-Chen Chen and Tomoki Tanida, admitted under 37 CFR 10.9(b) all of

McDERMOTT WILL & EMERY LLP 600 13th Street, N.W. Washington, D. C. 20005-3096

Direct Telephone Calls to:

Telephone (202) 756-8000

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

Inventor's signature:	Hiroshige	Deenshi	Date: July 26.2004
Residence: Osaka Jap	N/V		
Citizenship: Japan			

21	Eull name of sole or first inventor: Toshio SHIGEMATSU		
W	Inventor's signature: Toshio Skizenateu	Date:	July 21, 2004
	Residence: Osaka Japan (5)		
	Citizenship: Japan		
	Post Office Address: c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi Osaka 554-0024 Japan		
~ A			
20	Full name of sole or first inventor: Nobuyuki TOKUDA		
) ••	Inventor's signature: Nobuyaki Jokuda	Date:	August 9, 2004
	Residence: Osaka Japan SW		
	Citizenship: Japan		
	Post Office Address: c/o The Kansai Electric Power Co., Inc., 3-22, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8270 Japan		